

FIG. 1A

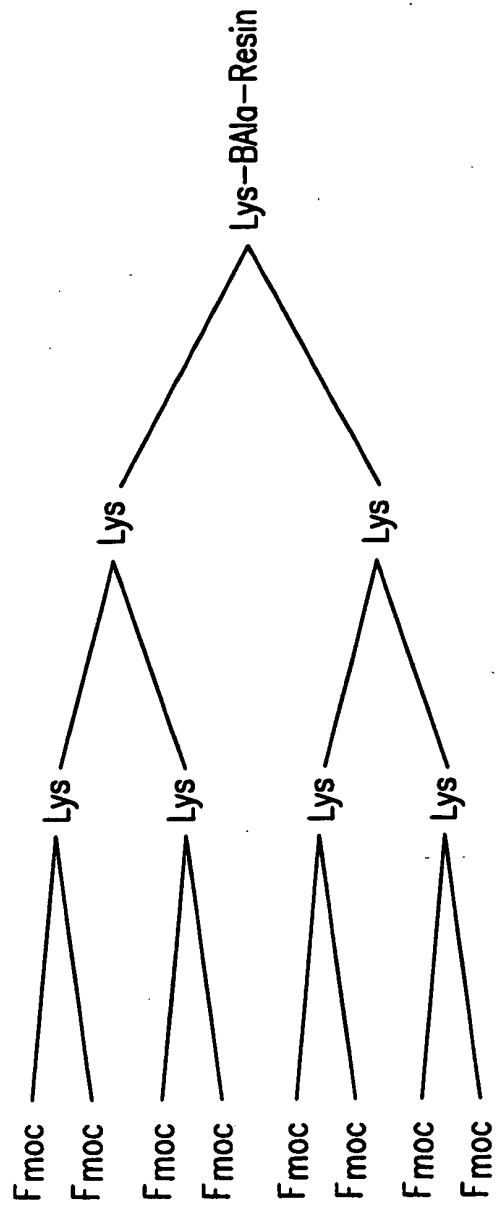


FIG. 1B



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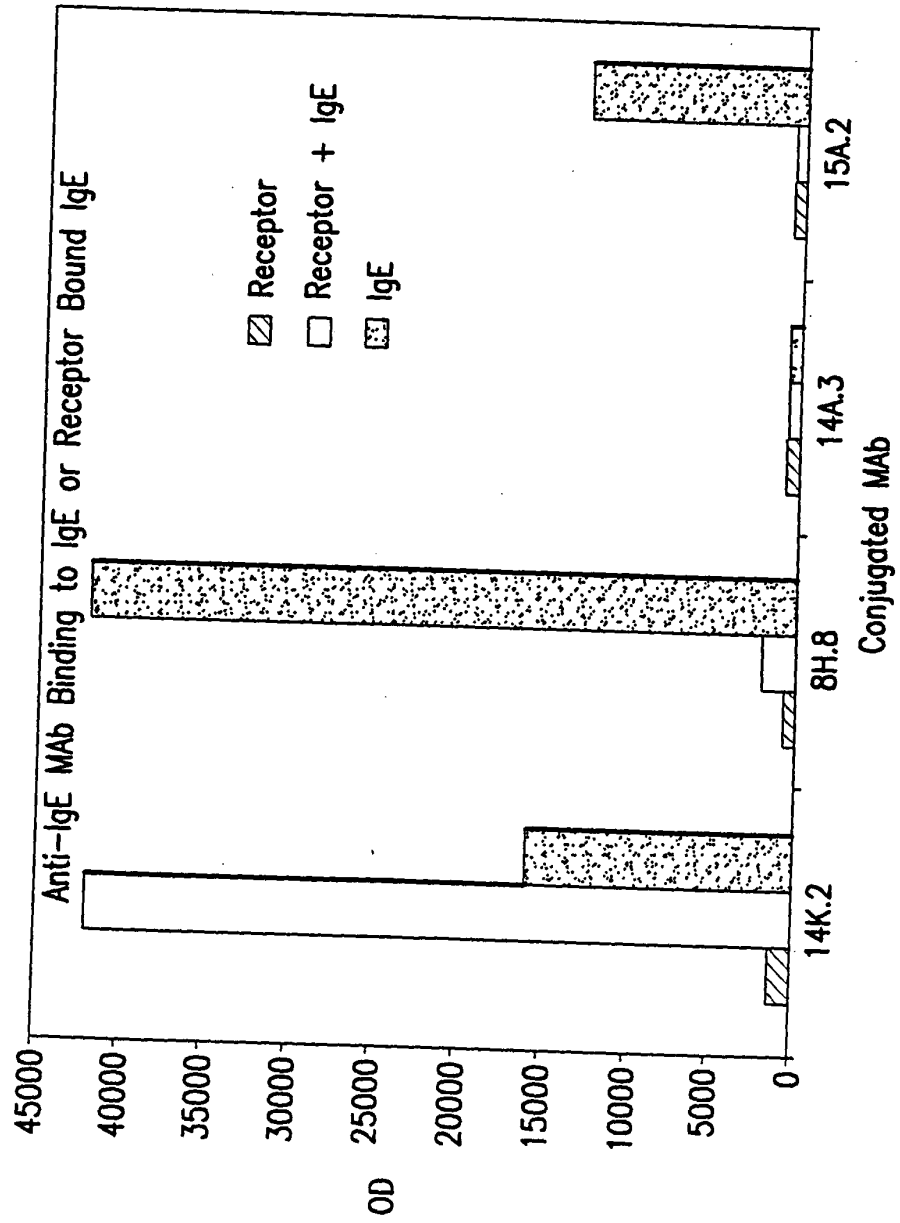


FIG.2

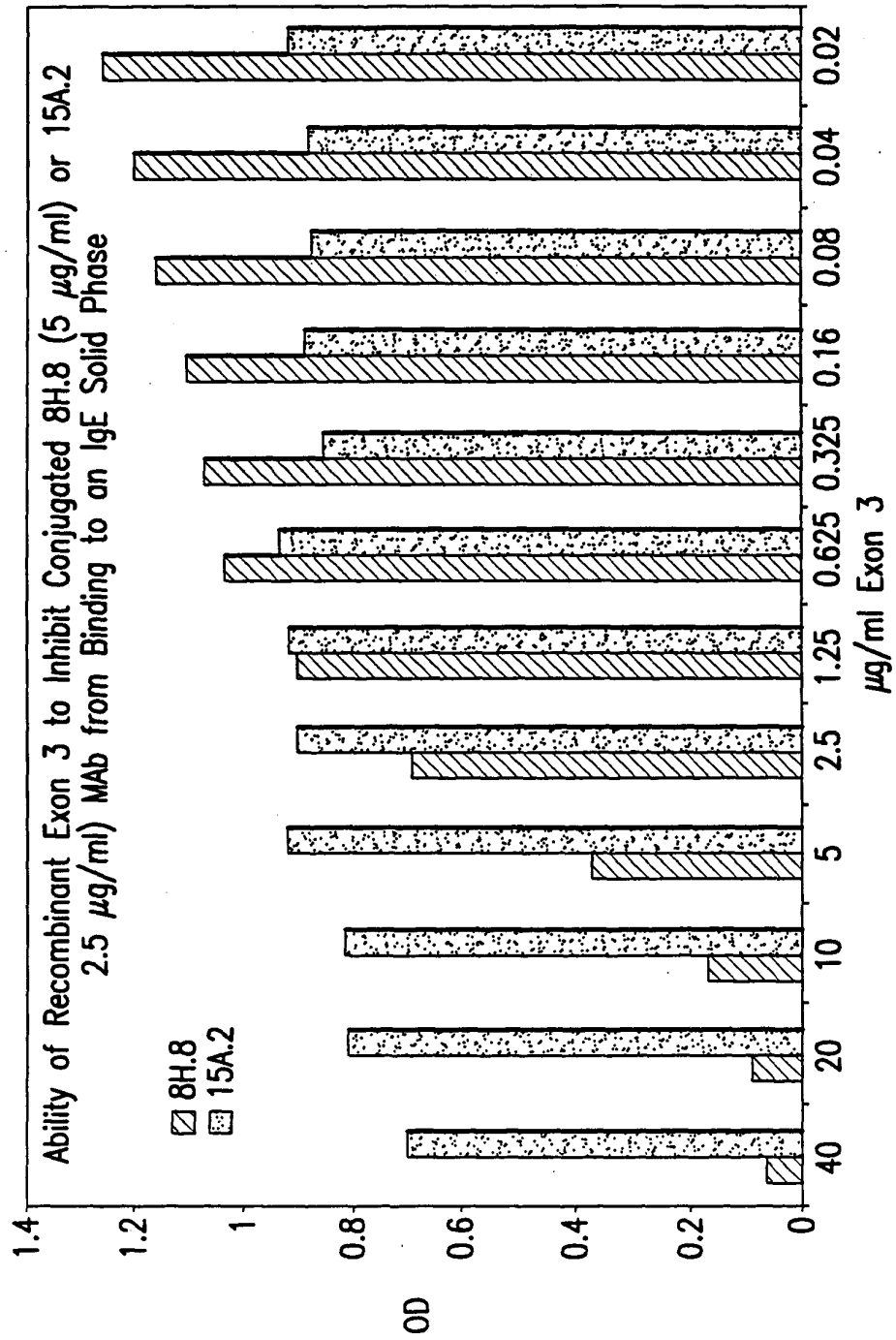


FIG.3

Ability of Soluble, Purified Canine IgE to Inhibit MAb 8H.8 (2.5  $\mu$ g/ml) or 15A.2  
 (2.5  $\mu$ g/ml) from Binding to an IgE Solid Phase

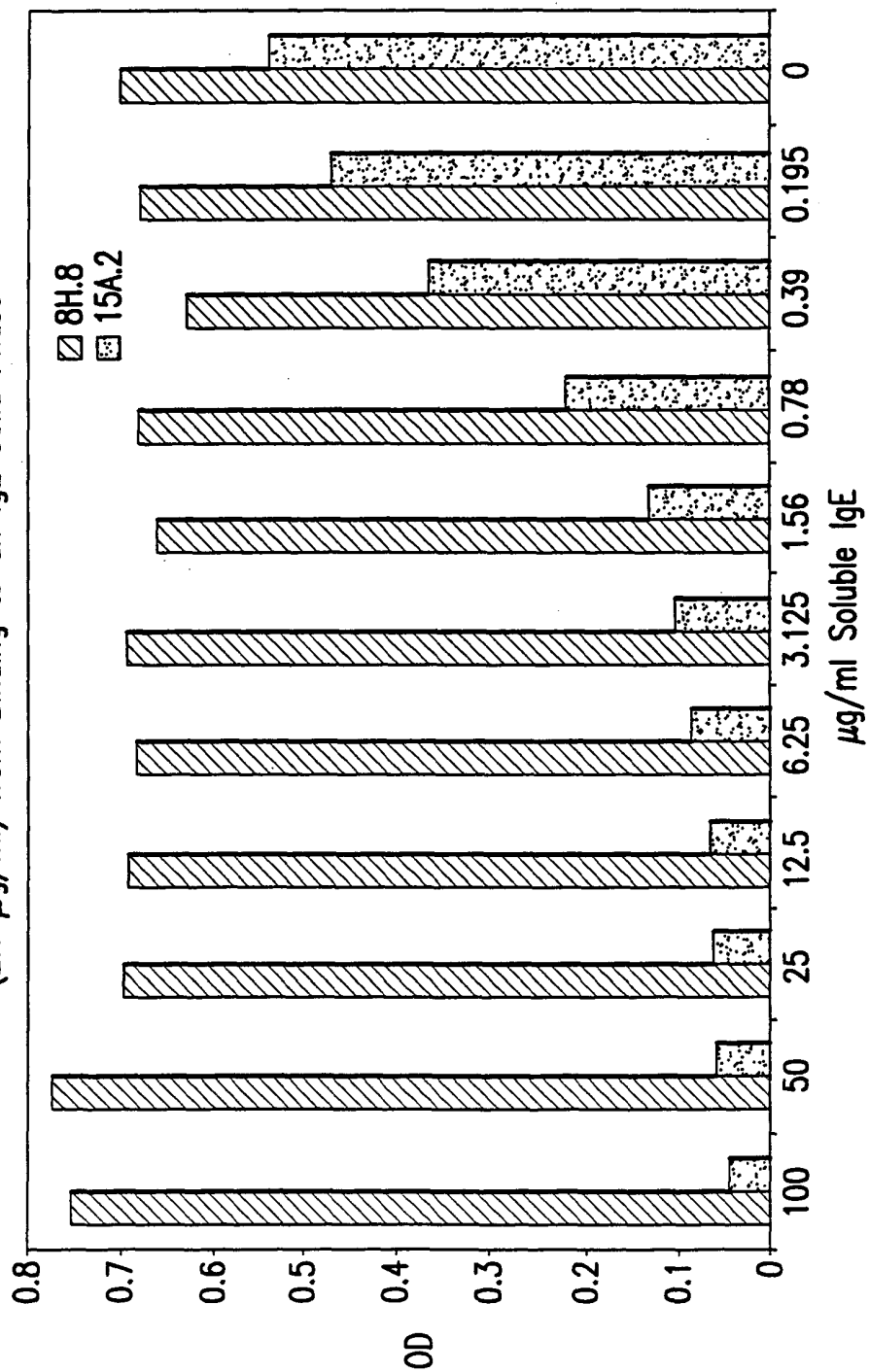


FIG.4

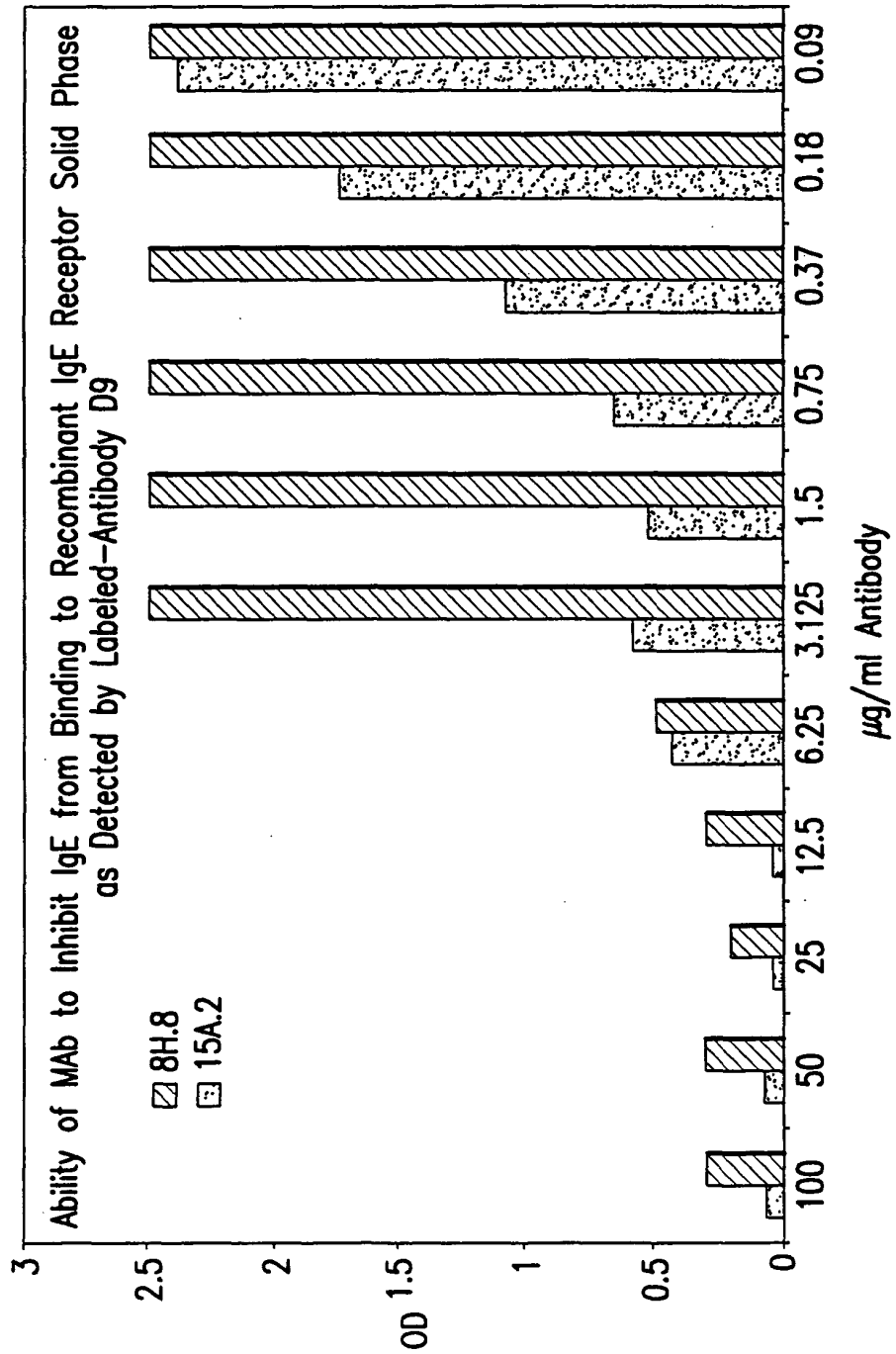


FIG.5

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| LIBRARY | SEQUENCE OF DISPLAYED PEPTIDE     | ISOLATE    |
|---------|-----------------------------------|------------|
| PhDc7c  | C S N P H V T H C                 | M13 1&9    |
| PhDc7c  | C S H P H L T H C                 | M13 7      |
| PhDc7c  | C S N P H I T Q C                 | M13 10     |
| PhDc7c  | C M N P H I T H C                 | M13 14     |
| PhDc7c  | C T N P H N P Y C                 | M13 2&8    |
| PhDc7c  | C P N P H N P Y C                 | M13 3&5    |
| PhD12   | V T L C P N P H I P M C           | M13 48     |
| PhDc7c  | C H P H L P K S C                 | M13 4&12   |
| PhDc7c  | C H P H L P K R C                 | M13 6      |
|         | Y C R V T H P H L P K D I V R S I | Canine IgE |

FIG.6



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SPECIES  
Canine  
Human  
Green Monkey  
Cat  
Swine  
Mouse  
Horse

IgE ALIGNMENT 15A.2 EPITOPE  
YCRVTHPHLPKDIVRSI  
QCRVTHPHLPRALMRST  
QCRVTHPHLPRALVRSI  
QCKVTHPDLPLVIRSI  
YCNVTHPDLPLPIIRSI  
QCIVDHPDFP\*IVRSI  
KCTVSHPDLPRE\*WRSI

\*Denotes a deletion

FIG.7

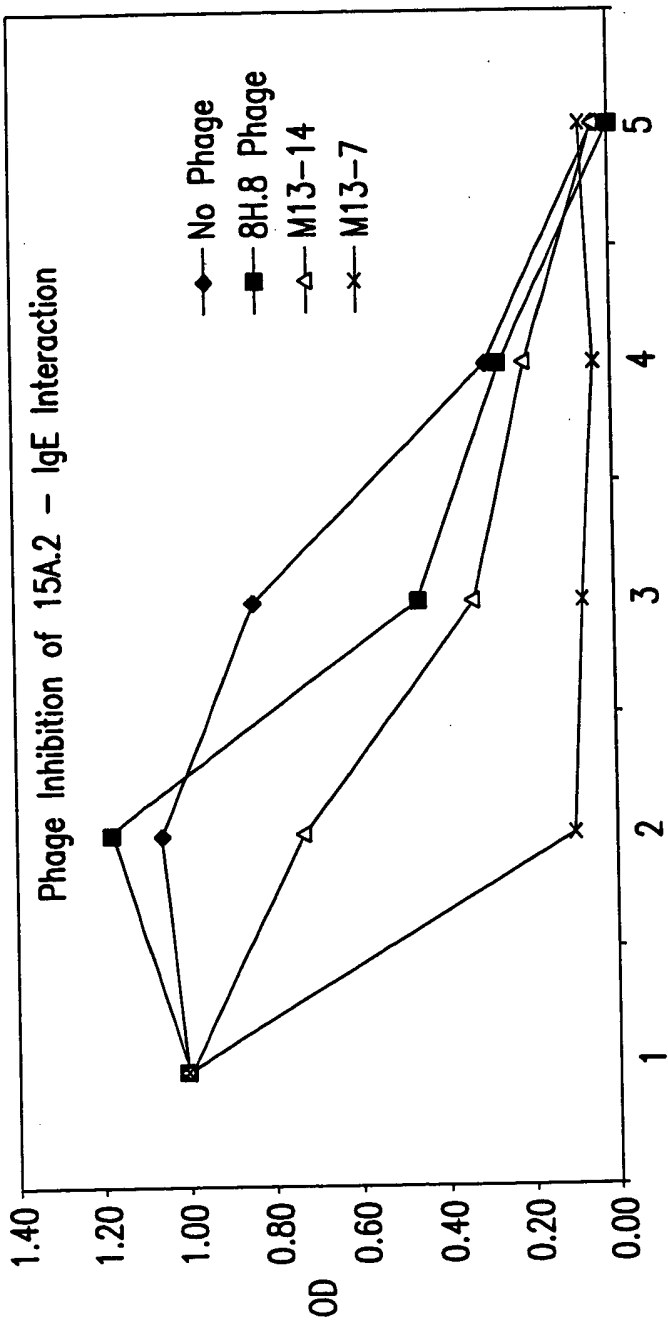


FIG.8



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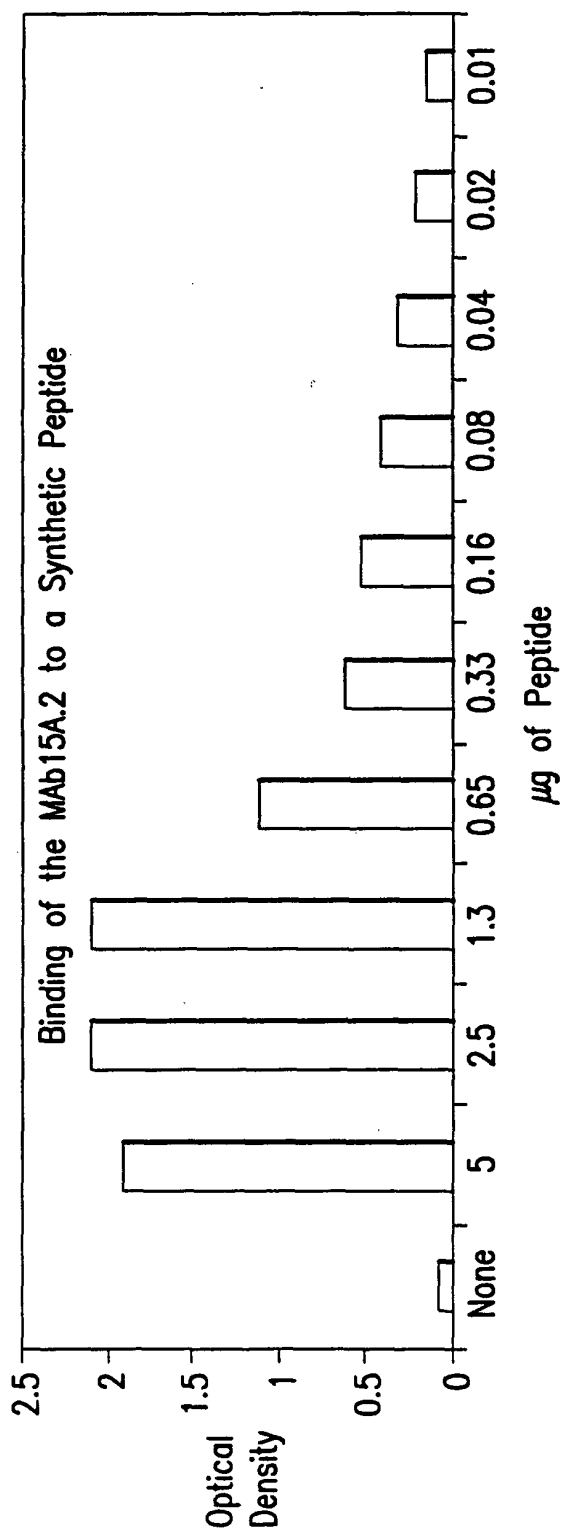


FIG.9

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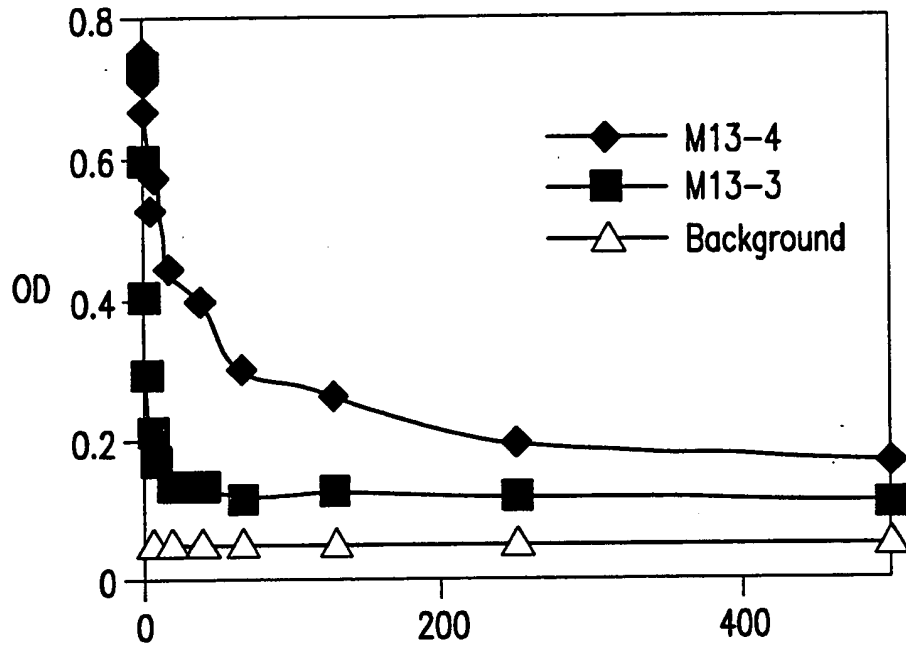


FIG. 10A

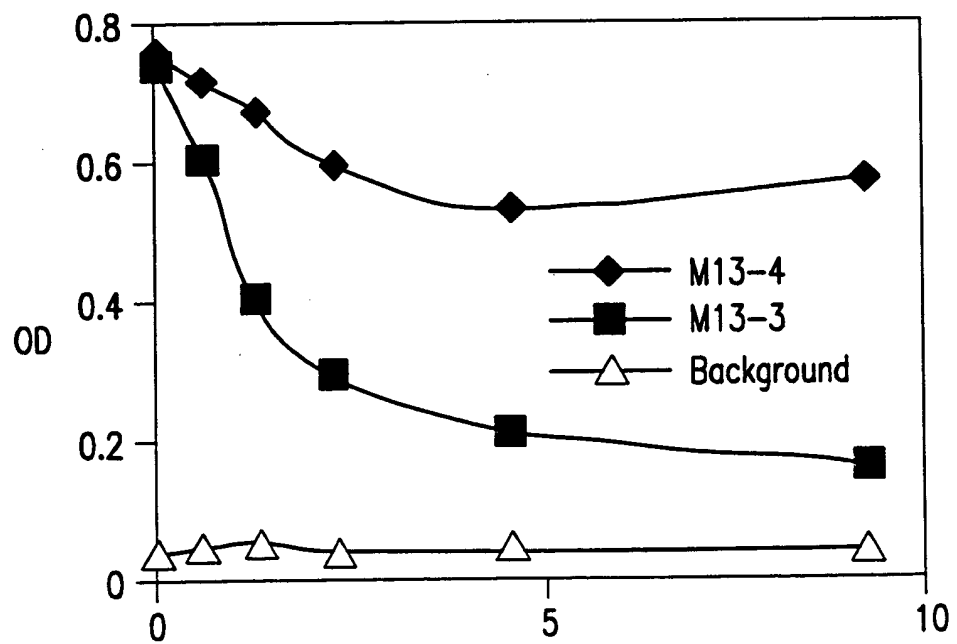
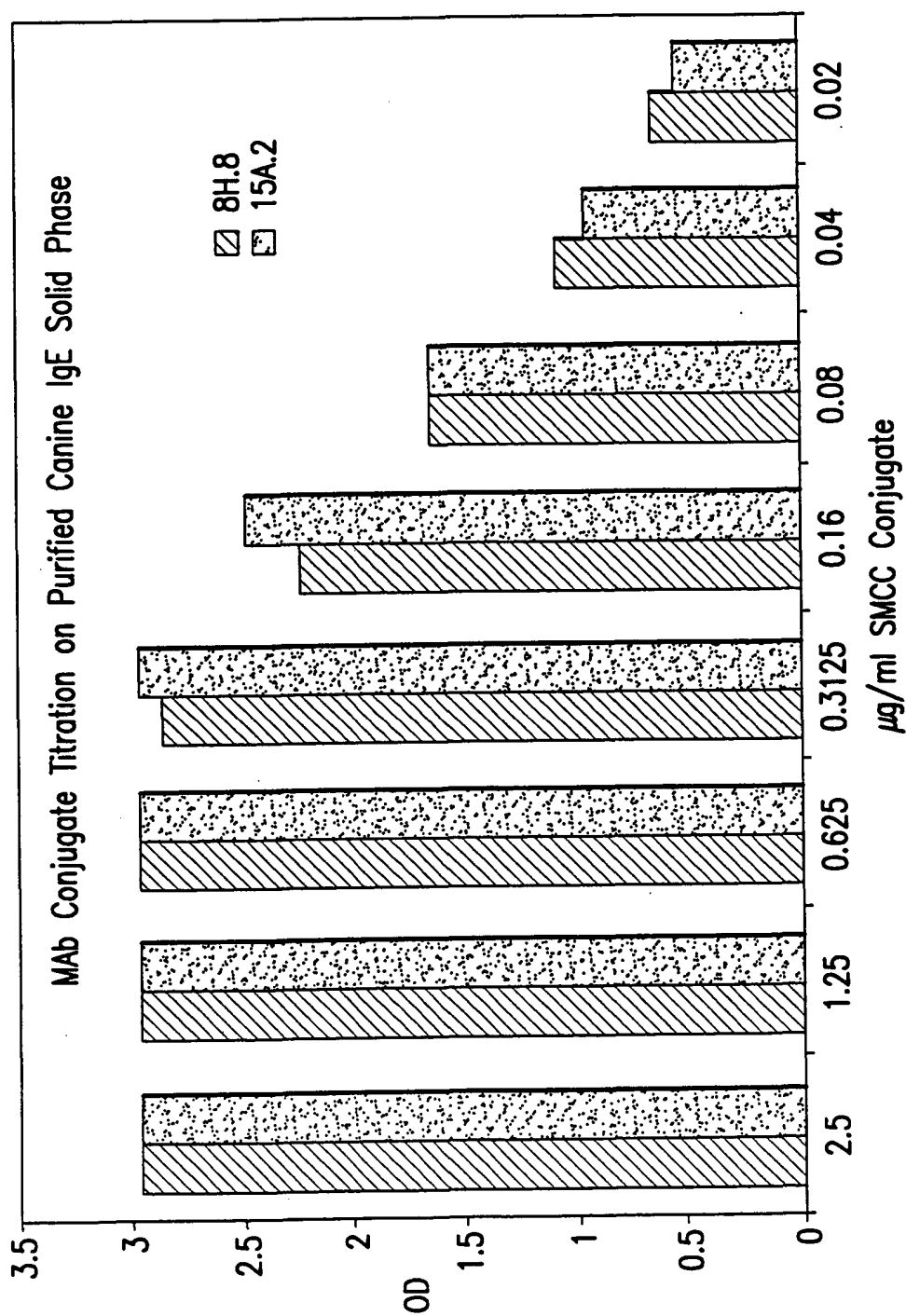


FIG. 10B



**FIG.11**

### 8H.8 Conjugate Titration on Anaspec Peptide Coated Plates

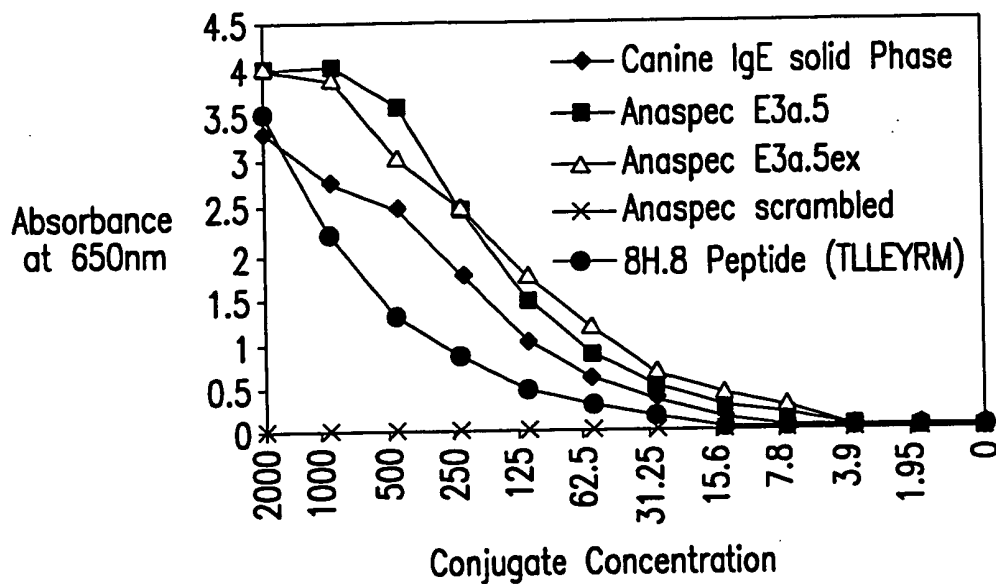


FIG.12

### 14K.2 Conjugate Titration on Anaspec Peptide Coated Plates

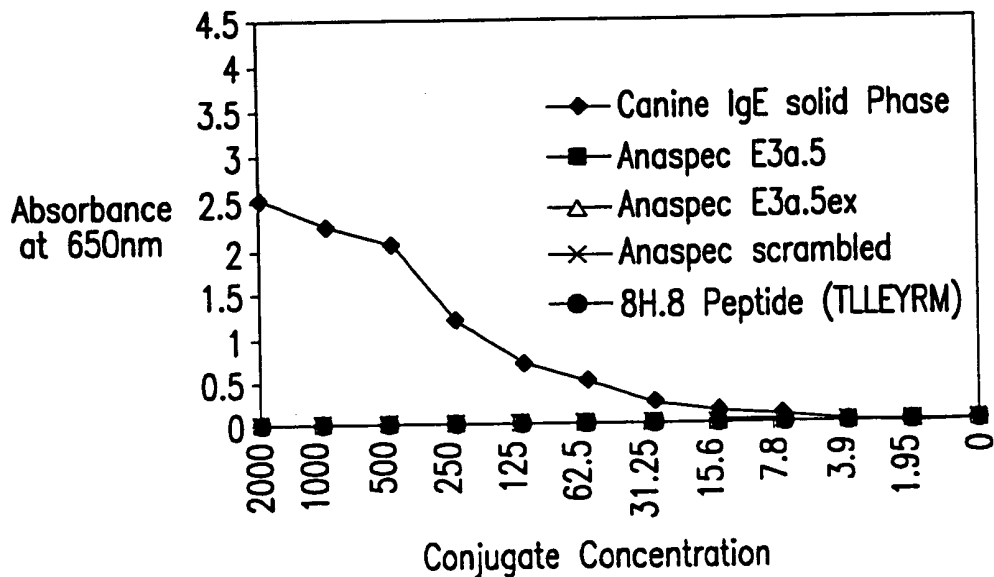


FIG.13

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### 15A.2 Conjugate Titration on Anaspec Peptide Coated Plates

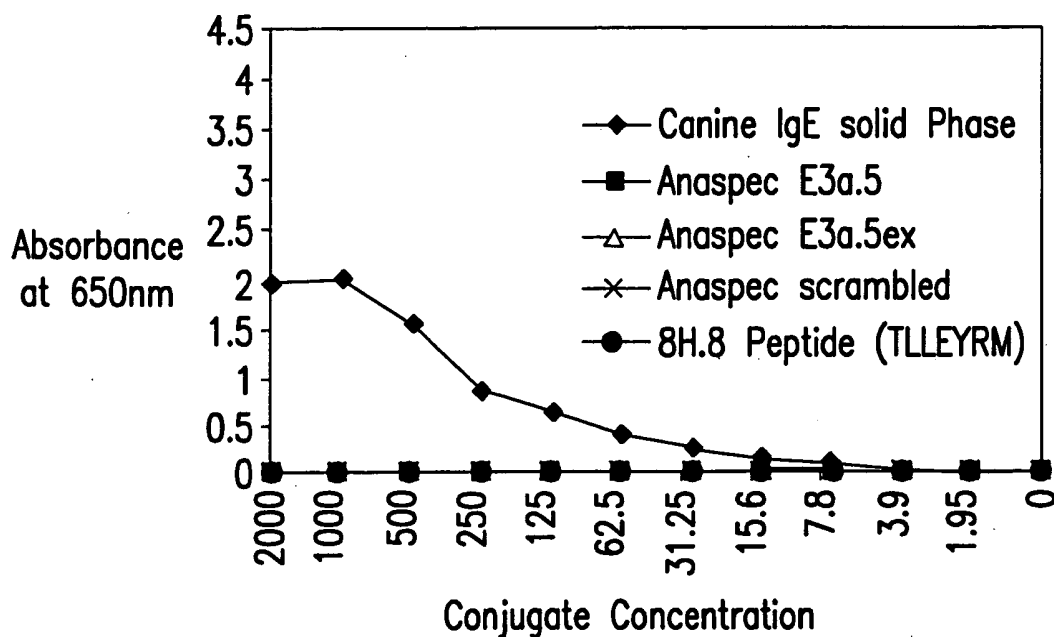


FIG.14

### 8H.8 and Re-hu IgE Binding to E3a.5 and S3a.5 Peptide Coated Plates

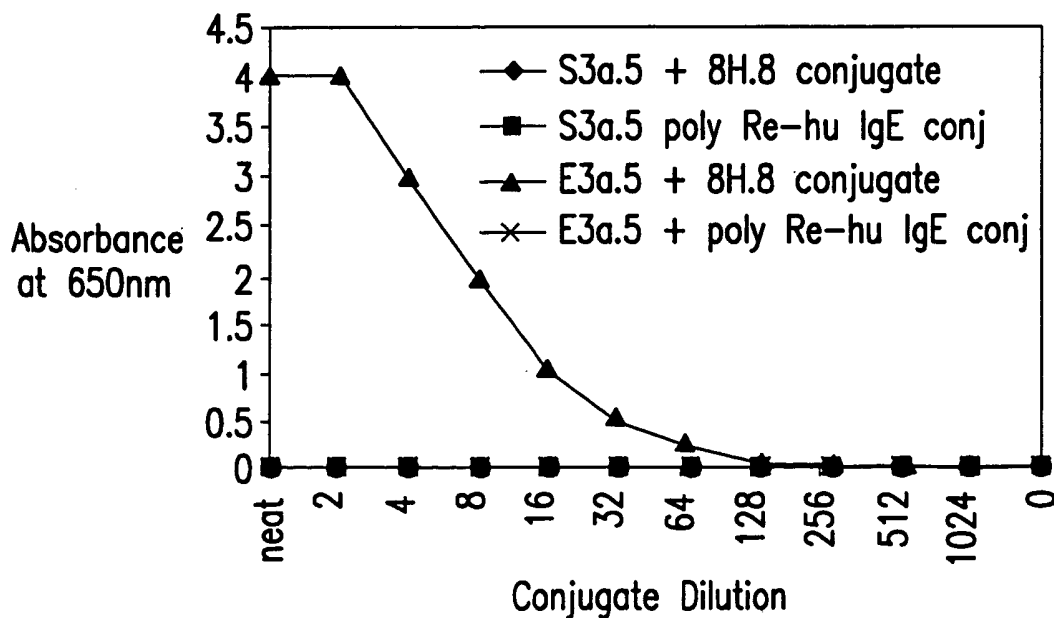


FIG.15

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8H.8 Conjugate Titration on IgE or Peptide Solid Phase (5 min read)

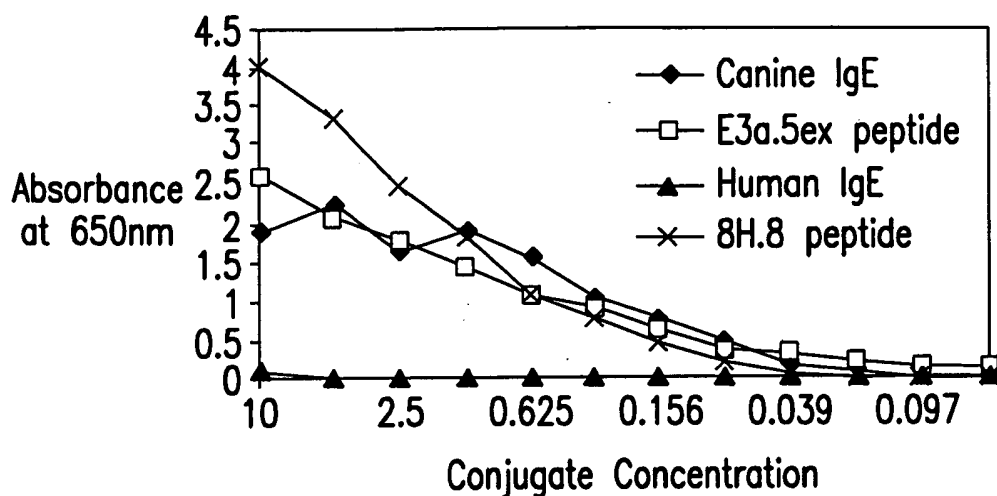


FIG.16

Anti-human IgE Antibody Binding to IgE or Peptide Solid Phase (5 min read)

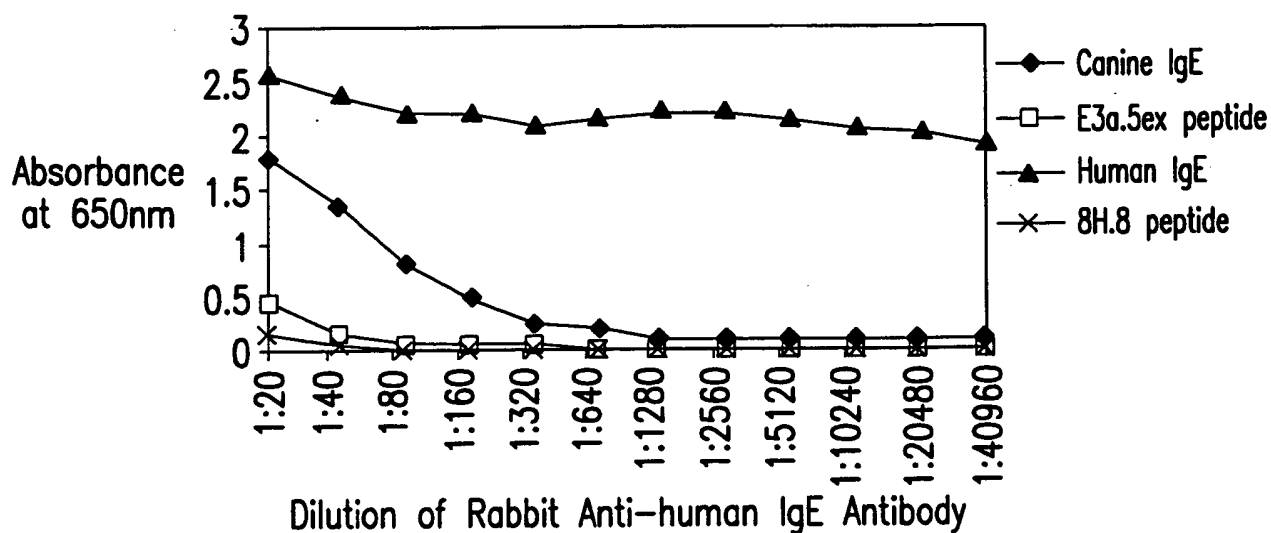


FIG.17